

Rhode Island Precipitation
National Weather Service Boston/Norton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 to 36 months ending December 2020
Includes CoCoRaHS Data

RI 1 month December 2020	Rainfall	Departure	Percent	Normal
Northwest	8.18	3.34	169	4.84
Northeast	9.90	5.16	209	4.74
Central West	10.85	6.25	236	4.60
Central East	10.24	6.02	243	4.22
Eastern	7.29	2.97	169	4.32
Southern	9.57	4.86	203	4.71
New Shoreham	8.14	3.43	173	4.71

RI 2 month Nov-Dec 20	Rainfall	Departure	Percent	Normal
Northwest	14.27	4.47	146	9.80
Northeast	13.90	4.37	146	9.53
Central West	14.97	5.62	160	9.35
Central East	14.21	5.48	163	8.73
Eastern	11.45	2.80	132	8.65
Southern	14.24	4.48	146	9.76
New Shoreham	13.90	4.14	142	9.76

RI 3 month Oct-Dec 20	Rainfall	Departure	Percent	Normal
Northwest	19.54	4.97	134	14.57
Northeast	19.31	5.13	136	14.18
Central West	21.21	7.41	154	13.80
Central East	20.44	7.78	161	12.66
Eastern	17.12	4.54	136	12.58
Southern	20.55	6.53	147	14.02
New Shoreham	20.64	6.62	147	14.02

RI 6 month Jul-Dec 20	Rainfall	Departure	Percent	Normal
Northwest	24.65	-2.16	92	26.81
Northeast	24.49	-1.57	94	26.06
Central West	26.43	0.99	104	25.44
Central East	25.24	1.77	108	23.47
Eastern	21.07	-1.83	92	22.90
Southern	24.99	-1.27	95	26.26
New Shoreham	25.96	-0.30	99	26.26

RI 12 month Jan-Dec 20	Rainfall	Departure	Percent	Normal
Northwest	47.90	-5.81	89	53.70
Northeast	47.35	-4.07	92	51.42
Central West	47.72	-3.06	94	50.77
Central East	45.82	-1.36	97	47.18
Eastern	40.03	-8.51	82	48.54
Southern	46.50	-6.37	88	52.87
New Shoreham	45.38	-7.49	86	52.87

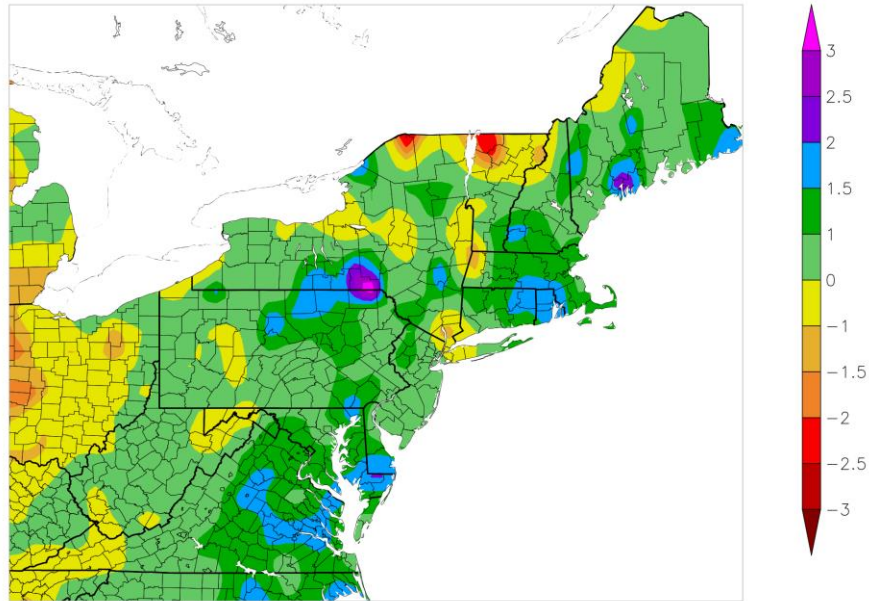
RI 24 month Jan 19-Dec 20	Rainfall	Departure	Percent	Normal
Northwest	109.83	2.43	102	107.40
Northeast	104.17	1.33	101	102.84
Central West	109.68	8.14	108	101.54
Central East	101.67	7.31	108	94.36
Eastern	96.36	-0.72	99	97.08
Southern	110.86	5.12	105	105.74
New Shoreham	100.99	-4.75	96	105.74

RI 36 month Jan 18-Dec 20	Rainfall	Departure	Percent	Normal
Northwest	179.18	18.08	111	161.10
Northeast	170.72	16.46	111	154.26
Central West	178.93	26.62	117	152.31
Central East	168.04	26.50	119	141.54
Eastern	154.34	8.72	106	145.62
Southern	172.94	14.33	109	158.61
New Shoreham	156.96	-1.65	99	158.61

RI 4 month Sep- Dec 20	Rainfall	Departure	Percent	Normal
Northwest	20.79	2.13	111	18.66
Northeast	20.40	2.28	113	18.12
Central West	22.28	4.50	125	17.78
Central East	21.72	5.14	131	16.58
Eastern	18.16	1.85	111	16.31
Southern	21.63	3.39	119	18.24
New Shoreham	22.34	4.10	122	18.24

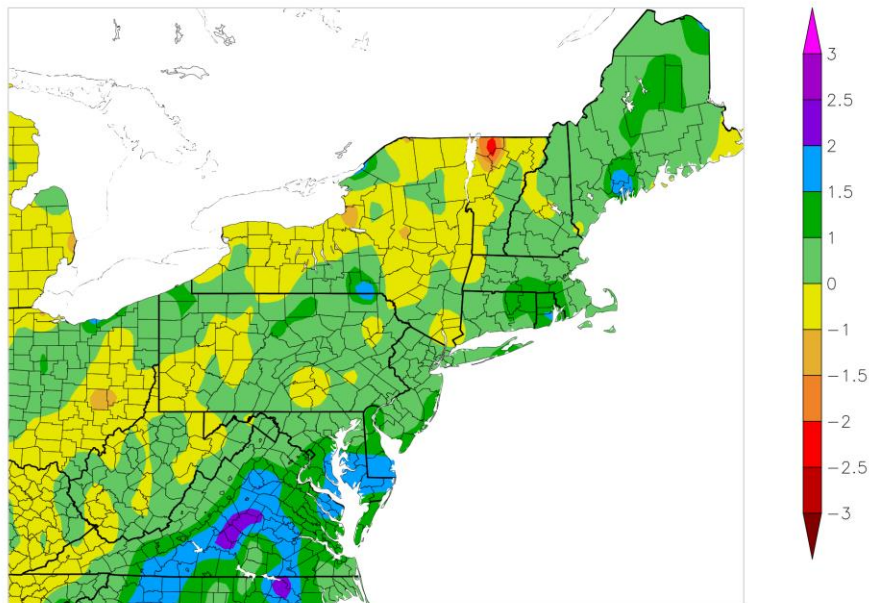
RI 5 month Aug-Dec 20	Rainfall	Departure	Percent	Normal
Northwest	23.15	0.16	101	22.99
Northeast	22.40	0.15	101	22.25
Central West	24.32	2.52	112	21.80
Central East	23.36	3.18	116	20.18
Eastern	19.78	-0.33	98	20.11
Southern	23.06	0.46	102	22.60
New Shoreham	25.31	2.71	112	22.60

Monthly SPI
12/1/2020 – 12/31/2020



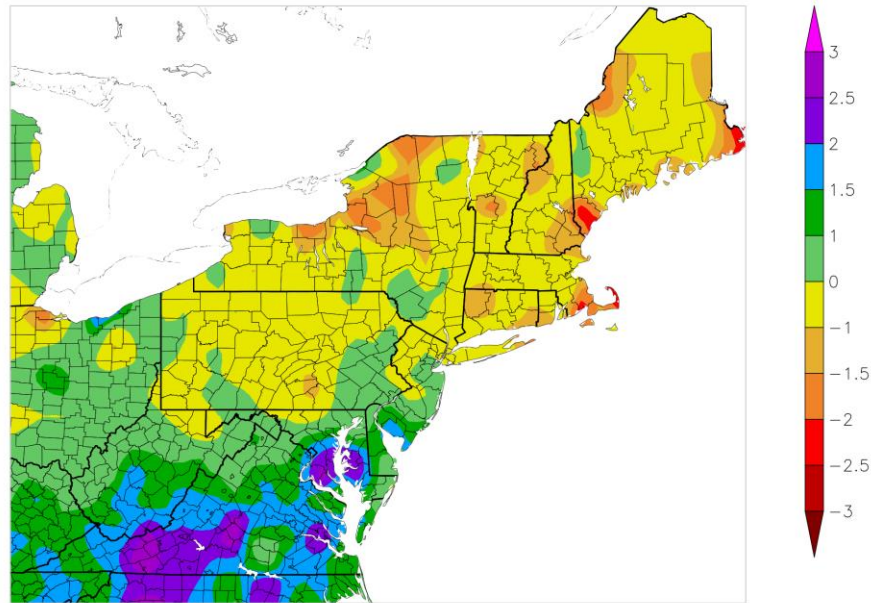
Generated 1/2/2021 at HPRCC using provisional data. NOAA Regional Climate Centers
Map 1. December 2020 SPI. From the NOAA Regional Climate Centers.

3-Month SPI
10/1/2020 – 12/31/2020



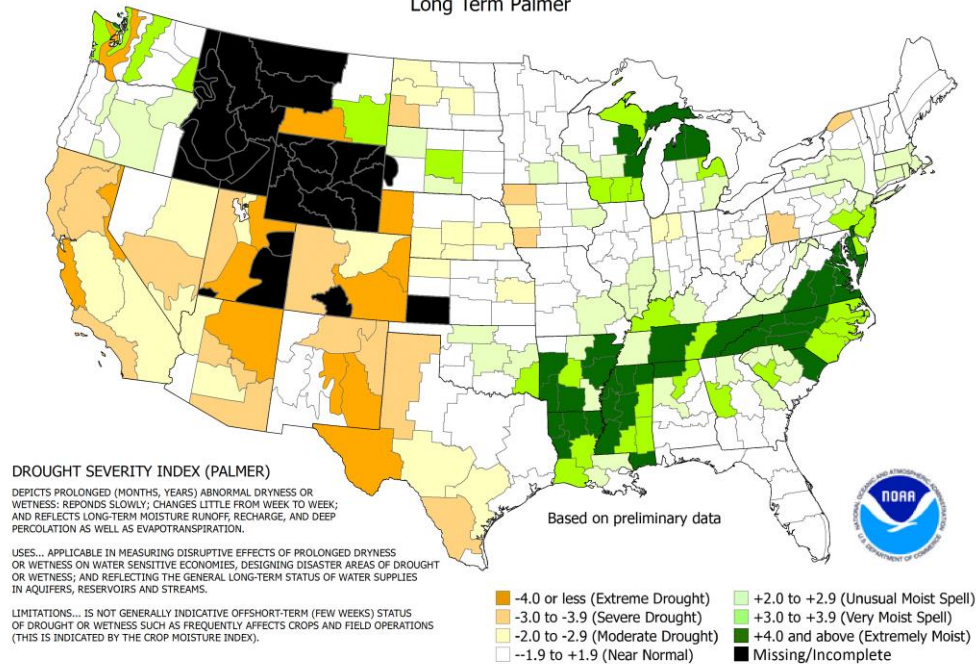
Generated 1/2/2021 at HPRCC using provisional data. NOAA Regional Climate Centers
Map 2. Three-Month SPI ending December 2020. From the NOAA Regional Climate Centers.

12-Month SPI 1/1/2020 – 12/31/2020



Generated 1/2/2021 at HPRCC using provisional data. NOAA Regional Climate Centers
Map 3. Twelve month SPI ending December 2020. From the NOAA Regional Climate Centers.

Drought Severity Index by Division Weekly Value for Period Ending Dec 26, 2020 Long Term Palmer



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated 12/26/20.
RI Palmer is in the Unusual Moist Spell range, +2.79

U.S. Drought Monitor
Rhode Island

December 29, 2020
(Released Thursday, Dec. 31, 2020)
Valid 7 a.m. EST



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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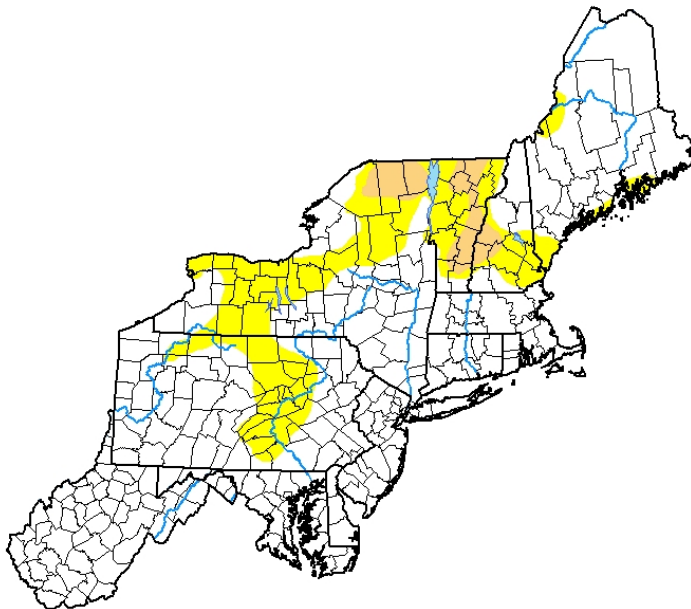


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Map 5. US Drought Monitor for Rhode Island. valid 12/29/2020.

U.S. Drought Monitor
Northeast

December 29, 2020
(Released Thursday, Dec. 31, 2020)
Valid 7 a.m. EST



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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Map 6. US Drought Monitor for the Northeast US, valid 12/29/2020.